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**REMARKS**

This paper responds to the Restriction Requirement mailed on September 23, 2005.

In this response, claims 1-9 and 20-30 were canceled, and claims 31-48 were added. No claims were amended. As a result, claims 10-19 and 31-48 are now pending in this application.

**Election/Restriction Response**

In response to the Restriction Requirement mailed September 23, 2005, Applicant elects, without traverse, Group II which includes claims 10-23. Within Group II, Applicant elects claims 10-19. According to the Examiner, Group II includes a combination (claims 10-19 and a subcombination (claims 20-23). Applicant elects to proceed with claims 10-19. Applicant respectfully cancels claims 1-9 (Group I) and cancels claims 24-30 (Group III) without prejudice or disclaimer. Applicant reserves the right to reintroduce the non-elected claims in a divisional application at a later date. By this amendment applicant added new claims 31-48. No new matter has been added by these claims.

RESPONSE TO RESTRICTION REQUIREMENT AND PRELIMINARY AMENDMENT

Serial Number: 10/612,705

Filing Date: June 30, 2003

Title: METHOD AND APPARATUS FOR FORMING PRINTED CIRCUIT BOARDS USING IMPRINTING AND GRINDING

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Dkt: 884.948US1

CONCLUSION

The Examiner is invited to telephone Applicant's attorney at (612) 373-6977 to facilitate the prosecution of this application. If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

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Date 11/22/05

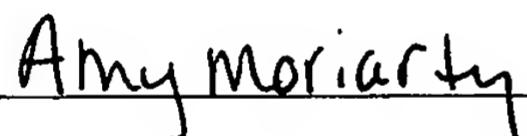
By



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Reg. No. 32,836

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 22nd day of November, 2005.

Name



Signature

